MARINE ECOLOGY
PROGRESS SERIES

Volume 59 (1990)

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Inter-Research
1990

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Environmental effects on invertebrates

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Marine microbiology

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Reproduction of benthic invertebrates

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Environmental effects on invertebrates

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Physiological ecology of invertebrates

PHYSIOLOGICAL MECHANISMS

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Resistance to stress including pollution; regulation; adaptation

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Behavioral physiology of fish; feeding; predation of fish larvae

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Comparative physiology

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Metabolic performance of invertebrates; reproductive biology and sexuality

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Developmental physiology; endocrinology

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Biological rhythms

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Environmental zoo-physiology; behavior; biological rhythms

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Chemosensory behavior; mathematical models

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Behavioural physiology; invertebrate biology

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Stress effects on invertebrates

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Osmoregulation in estuarine invertebrates

Puiseux-Dao, S., Prof.
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Ecophysiology and toxicology of algae; cellular biology; behavior of algae

Zhirmunsky, A. V., Prof.
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Mechanisms of cellular resistance and control

CULTIVATION

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Nutrition of invertebrates

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Microcosm cultures

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Cultivation of zooplankton

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Cultivation of microorganisms

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Cultivation of invertebrates

DYNAMICS

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Mangrove systems; reef studies

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Zooplankton biology, physiology, biochemistry

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Productivity of the sea; fish-population dynamics; biological oceanography

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Population biology; microbial ecology

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Dynamics of nearshore ecosystems

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Population and community ecology of macroalgae

Fuhrman, J., Prof.
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Planktonic microbial ecology. Productivity and growth of microorganisms, especially bacteria

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Ecology of sea birds

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Benthos of deep sea and temperate coasts

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Coral-reef ecology; tropical marine biology

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Reproduction, biogeography, and evolution of benthic invertebrates

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Dynamics of large organisms; ecology of sea birds

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Microbial food webs; trophic roles of phagotrophic protozoans

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Microzooplankton, particularly ciliates; secondary production

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Oceanic plankton ecosystems; deep-sea amphipods; biological oceanography

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Organic matter in sea water; theoretical population dynamics; geochemistry; chemical oceanography

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Structure and functioning of benthic communities; meiofaunal ecology; energy flow

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Plankton ecology; community structure, population dynamics

OCEAN MANAGEMENT

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Pollution of marine environments

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Stress and pollution

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Radioactive and conventional pollution

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Fishery biology; stock assessment

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Effects of man-made and natural disturbances on coral reefs

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Heavy metal pollution; estuarine chemistry

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Pollution effects on zooplankton; radioecology

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Pollution effects on benthos animals

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Management of fishery resources

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Oil degradation; oil pollution

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Toxicology and stress responses in invertebrates

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Radioactive pollution

McLusky, D. S., Dr
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Biological effects of pollutants (petro-, chemical, organic enrichment)

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Fisheries management and ecology

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Fisheries ecology; fishery resources; zooplankton

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